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HORSFORD'S Autumn Supplement 1916



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Department of Agriculture.

Cold Weather PLANTS



FRED'K H. HORSFORD
Charlotte, Vermont



Poeticus Narcissus naturalized

Introduction

I wish to refer my friends, who would plant in autumn, to my Spring Catalogue which has been mailed to them, as this list is only supplementary. Only a few of the plants in the Spring List may not be set in autumn, if it is done at the right time, and if the plants are well protected the first winter. I would especially recommend early fall or late summer for setting of peonies, while the woody plants and vines should wait until all growth has ceased. Shrubs and trees should be well mulched or banked when set in autumn.

Perennials set early often get a good start before winter, but we frequently set plants just before winter here, always protecting them with ample covering.

It is important to cover well those set in autumn and the later the setting the more important the covering. Early-set tulips and other fall bulbs may not require much covering, but those set late should have it, and almost all herbaceous perennials set in the fall should be well protected against the warmer spells of weather which come in winter. It is the warmer spells followed by extreme cold ones which do the damage. If, when hardy plants are once frozen in for the winter, they could stay so until severe frosts are past in the spring, they would seldom be injured. This covering should not be removed until danger of severe frosts is past.

Kindly remember that those who purchase plants should return them within five days if not satisfactory. After five days I will not replace them. See fourth paragraph on second cover page of my Spring Catalogue.

LILIES

Most of the Lilies of this list may be sent in September; but a few, like the *Auratum* and all the *Speciosums*, *Sargentæa*, and *Henryi*, are not ripe until the middle of September or October. Orders will be filled from beds as long as my stock lasts, except *Candidums* which are imported.

Lilium candidum makes a fall growth each year, and it is not so well for this plant when the setting is postponed until late, especially in the North.

Candidum lilies should not be planted more than 3 or 4 inches under, but in this northern climate we find it best to cover with some straw or swale hay just before winter, and this should be removed in the spring.

For cultural directions and more definite descriptions, please see Spring Catalogue which has been mailed.

The prices do not include postage, but are simply for bulbs boxed and delivered to my nearest freight or express office.

	Each	Doz.
Lilium auratum	\$0 25	\$2 25
L. canadense (Meadow Lily).....	12	1 25
L. candidum (Madonna Lily). Should be set early to insure full growth.....	15	1 50
L. Brownii . One of the finest.....	60	6 00
L. croceum . Golden yellow; blooms next after the <i>Dahuricum</i>	15	1 50
L. dahuricum . I find this to be as reliable and hardy as any kind I have tried and I think it will stand more frost than any other. The flowers are red and of good size, and the plant with age attains a height of 3 to 4 feet in good soil.....	20	
L. elegans . Orange.....	20	2 00
L. elegans umbellatum	15	1 50
L. elegans atrosanguineum	20	
L. elegans biligulatum	15	
L. elegans fulgens (<i>L. Batemanniaæ</i>). Flowers deep apricot.....	15	1 50
L. elegans incomparabile . Deep red.....	15	
L. elegans Thunbergianum . This form, I sup- pose, is typical <i>L. elegans</i> . It is a very hardy and permanent Lily when grown in good garden soil.....	15	
L. elegans Wallacei . This is a later form of <i>L.</i> <i>elegans</i> with smaller flowers and a reliable form. It comes along after the <i>Fulgens</i>	20	

LILIES, continued

	Each	Doz.
Lilium Hansoni . See <i>L. maculatum</i>		
L. Henryi . Somewhat like Speciosum, but has orange-yellow flowers.....	\$0 25	\$2 50
L. Grayi . A striking plant, 4 to 5 feet high, with dark red flowers, 1 to 5 on a stalk. It goes well with white flowers.....	35	
L. japonicum roseum (Kramer) . The delicate shell-pink and sometimes white color of this Lily is very charming. The flowers are not of as firm a texture, and it is better to plant it where strong winds can't break the flowers. My bulbs of this variety are better than usual.....	40	
L. longiflorum . Long, funnel-shaped flowers, pure white; fine.....	15	1 50
L. maculatum (Hansoni) . One of the most permanent.....	40	4 00
L. Maximowiczii . Red.....	15	
L. regale (L. myriophyllum) . A fine new Lily from China, of a rather vigorous constitution, medium in height, bearing one to several handsome, white, fragrant flowers; slightly shaded chocolate outside and the lower inner surface primrose-yellow. Said to belong to the hardier class.....	1 25	12 50
L. philadelphicum . A fine native Lily which is found growing on sandy soil and usually in partial shade. It demands good drainage, and in a heavy soil is not so likely to thrive..	15	1 50
L. rubellum . The earliest Lily I have grown except, perhaps, the <i>L. monadelphum</i> . The delicate pink flowers are very showy and quite durable. My bulbs of this are better than usual.....	40	
L. speciosum album	25	2 50
L. speciosum roseum	15	1 50
L. speciosum rubrum	15	1 50
L. superbum	15	1 50
L. tenuifolium	15	1 50
L. testaceum (excelsum) . Most of my stock of this will come from Holland and may not arrive until November.....	55	
L. tigrinum splendens	15	1 40

DAFFODILS, or NARCISSI

Early-flowering bulbous plants, coming before the tulips and after the crocus. One of the most important groups; fine for cutting and of easy culture. Though any good garden soil suits, they prefer a rather stiff, deep soil, and if the situation is such that they are shaded from the sun a portion (a third or a half) of the time, so much the better. They do well among shrubbery. To get the best results, they should be set in August or September, to make a good root growth before winter. When late setting is done, the best results are postponed until the second season.

Many of the bulbs we plant in the fall—tulips, hyacinths, narcissi, etc.—make a root-growth underground after being set. If we dig up such bulbs a week or two after they have been set, we are surprised at the new root-growth which has formed at the base of the bulbs. This root-growth is often made quite late and at low temperature. Therefore, when such bulbs are planted quite late in the fall, it is well to place a thick covering of straw, manure, leaves, or some sort of covering over them to keep out frost as long as possible, that this root-growth may continue even after the surface of the ground is frozen. I have seen good results obtained in this way with late planting. The covering should come off with the early spring before the bulbs are up.

Bicolor, Empress.	Very large flowers; white perianth, rich yellow trumpet; strong grower and fine for cutting	per 100, \$2.50	Each \$0 05	Doz. \$0 45
Bicolor Horsfieldii.	Very large and early; yellow trumpet, white perianth.....		04	45
Bicolor, Victoria.	A grand Trumpet Daffodil, with large, bold, erect flowers; perianth creamy white, trumpet rich yellow.....	per 100, \$2.50	08	65
Burbridgei.	One of the most charming for cutting. Clear white cup, margined bright cinnabar-red; a beautiful early flowering form of <i>Poeticus</i> which comes before <i>Poeticus ornatus</i> ; very effective when bunched. The color of the cup is very rich when cut and opened under glass.....	per 100, \$2 ..	02	20
Burbridgei, John Bain.	Large; broad white perianth, with small citron-yellow cup and orange-scarlet edge.....		05	45
Emperor.	Large flowers with primrose petals and deep yellow trumpet.....	per 100, \$2 ..	05	45

DAFFODILS, or NARCISSI, continued

		Doz.
Henry Irving. Noted for its deep yellow, wheel-shaped perianth, and large and handsome yellow trumpet.....	\$0 04	\$0 35
King Alfred. The finest yellow trumpet Daffodil. (See illustration on front cover.).....	50	
Leedsii. Silvery white, starry perianth; lemon-yellow cup, passing to white; sweet-scented flower; fine for bouquets..... per 100, \$1.50..	03	25
Mrs. Langtry. Broad white petals with large white cup, edged yellow.....	03	25
Poeticus. Pheasant's Eye..... per 100, \$1..	03	25
Poeticus ornatus. One of the earliest of Poet's Narcissi; a free bloomer..... per 100, \$1..	05	35
Princeps., per 100, \$1..	03	25
Jonquilla. Single, yellow Jonquils; yellow fragrant flower..... per 100, 85 cts...		15
Incomparabilis, Sir Watkin. A grand flower; sulphur-yellow cup..... per 100, \$2..	04	40
Incomparabilis, Double (Butter and Eggs). A large and showy double variety. One of the largest of the double sorts..... per 100, \$2..	04	30
Von Sion, Double. Large, golden yellow.....	04	30
Orange Phœnix. Double, white and orange... per 100, \$1..	04	30
Sulphur Phœnix. This is considered much finer by some than Orange Phœnix. It flowers a little later, per 100, \$1..	04	30
Mixed Daffodils. To naturalize in meadows, etc.; a first-class mixture, comprising many of the best herein listed..... per 100, \$1..	04	30
Alba plena odorata. Double Poet's Narcissus. Double, pure white, very sweet-scented. Cannot be forced. Succeeds best in rather heavy soil and partial shade..... per 100, \$1.25..		20

CROCUSES

The ordinary spring-flowering Crocus will thrive in nearly all soils and positions. They do better planted in September than they do later or they may be set in August.

	Doz.	100
Mixed Crocuses.	\$0 10	\$0 40
Mixed Crocuses. Striped.....	10	65
Mixed Crocuses. White.....	10	65
Mixed Crocuses. Yellow.....	20	1 00
Mixed Crocuses. Blue and Purple.....	10	65

TULIPS IN MIXED COLORS

Tulips like good drainage, and when planted over a gravelly subsoil or bottom, succeed best. It is a good plan to surround bulbs with sand, unless they are put into a sandy soil. A depth of 4 inches is none too deep for cold climates. Set the bulbs 5 or 6 inches apart.

	Doz.	100
Large Early Single	\$0 20	\$1 00
Large Late Single	25	1 00
Large Early Double	20	1 00
Large Late Double	30	2 00
100 Tulips of the above 4 kinds, 25 of each, for \$1.15; 400 bulbs, 100 each, \$3.50.		
	Doz.	100
Artus. This fine red Tulip is one of the best for cutting or bedding; it comes early and lasts well.....	\$0 20	\$1 50
Canary Bird. A clear golden yellow flower, large and handsome.....	30	2 00
Cottage Maid. Fine rose, flushed white; one of the best pink Tulips.....	30	2 00
Duc Van Thol. Crimson.....	30	
Duc Van Thol. White.....	25	
Duke of York. One of the best double Tulips; carmine-rose color, broadly edged with white.	30	2 00
Golden Crown. Golden yellow, edged with red. One of the best for naturalizing, as it in- creases rapidly.....	25	1 50
Queen of the Netherlands. Soft rose, suffused with white; extra-large flower. One of the best Tulips for cut-flowers or any decoration.	40	2 60
Pax alba	30	2 10
La Reine. Large white.....	25	2 00
Rose Gris-de-lin. White, shaded with delicate pink; extra fine.....	25	
Mixed (600 for \$3.50)	20	75
Parrot Tulips. Choice Mixed Varieties.....	30	1 75
Darwin Tulips. These are later-flowering Tulips, and contain many new and beautiful shades; flowers borne on long stems. Recommended for massing in shrubbery, or very decorative in the flower-garden. Good mixture of all colors.....	30	1 75
Bybloeum Tulips. White ground, marked with lilac, rose, purple and violet shades. These are late-flowering and effectively grown in groups of a dozen or more.....	30	

MISCELLANEOUS BULBS AND PLANTS

Because they bloom early, or for other reasons, these bulbs and plants are set in autumn.

	Each	Doz.
ARISÆMA triphyllum (Indian Turnip, or Jack-in-the-Pulpit).....	\$0 12	
CHIONODOXA (Glory-of-the-Snow). One of the best early-blooming flowers; bright blue.	per 100, \$1.25..	\$0 25
CLAYTONIA caroliniana (Spring Beauty)....	10	1 00
DICENTRA canadensis (Squirrel Corn).....	10	1 00
EREMURUS himalaicus	1 20	
E. robustus. See Spring List.....	I 35	
MERTENSIA virginica (The Virginia Cowslip). See Spring List.....	I 5	1 50
ORNITHOGALUM arabicum (Star of Bethlehem).....	06	60
SCILLA amœna sibirica. Handsome, early, blue flowers.....	07	60
MUSCARI botryoides (Grape Hyacinth). White; ready in September. per 100, \$1.25..		20
M. botryoides (Grape Hyacinth). Blue; ready in September.per 100, 85 cts...		I 5

HYACINTHS FOR BEDS OR FORCING

Hyacinths like a light, loamy soil and full sun. A light coating of well-composted manure, if the ground is not already well supplied, will be of value. Plant about 3 inches deep and, if the best flowers are desired, the bulbs should be from 7 to 9 inches apart.

	Each	Doz.
Double White	\$0 06	\$0 55
Single Red	06	50
Single White	06	60
Single Yellow	06	60
Double Red	06	60

TRILLIUMS

American Wood Lily, Indian Shamrock, or
Three-Leaved Nightshade

FOR THE SHADY CORNER

Like most early-blooming plants, Trilliums give better results the following spring when planted in autumn in time to make their regular root-growth, which seems to take place a few weeks after the stems have died. They form a very pretty group, which comes into bloom early, and whose leaves make a good display after the flower has passed. Trilliums like a soil with a mixture of leaf-mold or peat, and for most of them a little well-rotted manure will be beneficial. Although they may, as a rule, be grown in the sun, partial shade is the most natural place. They look best when in good-sized groups. In a good position they will last almost indefinitely.

	Each	Doz.
<i>Trillium nivale</i> . A small species, 4 to 6 inches high with small white flowers; a very dainty and early little flower.....	\$0 15	
<i>T. erectum</i>	08	\$0 80
<i>T. grandiflorum</i> per 100, \$2.50..	05	40
<i>T. recurvatum</i> . A western species with brown-purple flowers.....	15	1 25
<i>T. petiolatum</i>	15	
<i>T. undulatum</i> (Painted Trillium)	12	1 10
CAMASSIA Leichtlinii (Giant White Camassia). .	06	50
ERYTHRONIUM americanum (Adder's Tongue)	06	60
<i>E. albidum</i> (White Dog's-tooth Violet)	08	80

Plants Not Offered in Spring List

	Each	Doz.
<i>Aconitum Napellus autumnale</i>	\$0 15	\$1 50
<i>Allium cernuum</i> . For shade.....	06	40
<i>Anemonella thalictroides</i> . A very attractive little white wild flower for shade.....	10	1 00

PLANTS NOT OFFERED IN SPRING LIST, continued

	Each	Doz.
<i>Aquilegia flabellata</i>	\$0 15	\$1 50
<i>A. vulgaris</i> . Pink.....	15	
<i>A.</i> sp. A long-spurred form from Mexico; a little darker than the <i>A. chrysanthia</i>	15	
<i>Armeria maritima</i>	15	1 50
<i>Campanula glomerata</i>	15	1 50
<i>C. pyramidalis alba</i>	15	
<i>C. (grandis) latiloba</i> . 2-ft.; blue flowers.....	15	1 50
<i>Dictamnus dahuricus</i> . Larger and taller than <i>D. rubra</i>	20	
<i>Delphinium</i> . Seedling from Herman Sterger.....	12	1 20
<i>Gaillardia</i> . A form with all yellow rays.....	25	
<i>Geranium maculatum</i> . Wild Crane's-bill.....	15	
<i>Helianthemum vulgare</i>	20	
<i>Hesperis matronalis</i> . White.....	15	
<i>Iris germanica</i> —		
<i>Bridesmaid</i> . Almost white flowers.....	15	
<i>Duchesse de Nemours</i>	12	1 20
<i>Faustina</i> . Standards creamy yellow, falls purple with yellow stripes.....	15	
<i>Innocence</i> . White with yellow and violet markings.....	12	
<i>Mme. Reuthe</i>	12	
<i>Pearl</i>	12	1 20
<i>Penelope</i>	12	
<i>Princess Louise</i> . This is a charming new form with rose-purple flowers.....	25	
<i>Purple King</i>	20	
<i>Spectabilis</i>	12	1 20
<i>I. pumila albo-violacea</i>	12	1 20
<i>I. pumila</i> . With sky-blue flowers.....	20	
<i>I. pumila</i> . Blue-purple.....	12	
<i>I. pumila</i> . Rose-purple.....	10	1 00
<i>I. pumila</i> . White flowers.....	15	
<i>Iberis corifolia</i> . This is one of the best of the perennial candytufts with white flowers.....	15	
<i>I. gibraltarica</i> . Has a little more color than the preceding form.....	15	
<i>Lupinus perennis</i> . The native wild Lupine with blue flowers.....	20	
<i>Lychnis Flos-Jovis</i>	15	
<i>L. viscaria</i>	12	
<i>Malva moschata</i> . White.....	15	1 50
<i>Pachysandra terminalis</i>	20	

PLANTS NOT OFFERED IN SPRING LIST, continued

	Each	Doz.
Phlox—		
Pearl. A fine white form.....	50	15
Von Lassburg. Large white flowers	15	
Henry Royer. Tyrian-rose with lighter shading.....	15	
Louise Abbema. Large dwarf white.....	15	
Bacchante. Tyrian-rose with crimson-carmine eye.....	15	
Gen. Chanzy. Bright pink tinted salmon....	15	
Bridesmaid. White with crimson-carmine eye.....	15	
Ætna. Fine orange-red.....	15	
Gismonde. Pale violet-white center.....	15	
Peonies—		
Fine Double Pink.....	20	\$2 00
Single Pink, Single Rose, Single Red.....	40	
Fine Single White.....	1 00	
Semi-double, Red.....	35	
Double Rose.....	25	
Lady Bramwell.....	25	
Rosy Dawn. Single rose Peony.....	60	
Teas' No. 4. A fine double pink.....	20	
Hermes. A single dark pink.....	40	
Semi-double Pink. Fine large clumps.....	50	
Ruby King. This is one of my new seedlings. A very dark red double form. A striking flower.....	1 00	
Brightness. A fine large light rose.....	30	
Purpurea. Dark purple-red.....	40	
Single Victoria. Large single white.....	1 00	
Seedling.....	12	1 20
Tree. A few fine named sorts.....	1 20	
Primula cortusoides	15	
Rubus sorbifolius	15	
Saponaria ocymoides	15	
Sedum reflexum . A low form with yellow flowers, suited to rockwork.....	15	
Silene alpestris . A pretty little rock-plant with white flowers; easy of culture	12	1 20
Stachys grandiflora . Large heads of dark rose- purple flowers.....	25	
Trollius asiaticus . Dark yellow flowers.....	15	
Viola cucullata . Common blue violet.....	10	1 00
V. cornuta , Blue Perfection.....	10	1 00
V. pedata , bicolor.....	12	

WOODY PLANTS

	Each
Æsculus rubicunda (Red-flowered Horse-chestnut)	\$0 30
Cratægus Oxyacantha rosea-plena. 6 feet	1 25
Lonicera, Early Dutch. A handsome yellow-flowered Honeysuckle; rather rare	25
L. tatarica alba. 2 feet	30
Myrica cerifera. 10 to 18 inches high	15
Salix vitellina. 2 feet	30
Syringa, Mme. Lemoine. 4 to 6 feet	1 00
Xanthoceras sorbifolia. 12 to 18 inches	25
Xanthorrhiza apiifolia (Yellow Root)	30
Zanthoxylum americanum (Prickly Ash). 2 to 3 feet . .	25

Bargain List

These sets are made up mostly of plants mentioned in my Spring Catalogue and are kinds of which I have the largest stock. We have more time to make these sets in autumn and offer them at lower rates on this account.

These offers are not open to spring delivery, because then we cannot spare the time required in filling them. Those wishing to take advantage of any offers for shrubs, trees, etc., in this list for spring setting, can get them in November, and cover them in any well-drained soil, leaving only the tips of branches exposed, where they will keep in perfect condition, and may be set in the spring as soon as the ground is ready. For cost of boxing trees and shrubs, see my Spring Catalogue. These prices do not include postage. We can ship safely by freight in autumn most of the plants we grow, even as far as California. These offers are subject to surplus stock being sold. This stock is not a poorer grade than is used in filling orders for single or dozen lots. Deciduous trees and shrubs had better not be moved before October 15. Bulbs and plants which are entirely covered when set can be ordered until winter prevents.

Shrubs, trees, and plants, set in autumn and mulched well before winter to prevent heaving, often do better than when set in spring, especially when spring setting is late. Trees may be banked up 6 to 10 inches with soil; shrubs may be mulched with 3 to 4 inches of straw manure; and herbaceous plants may be covered lightly with brush, pine boughs, buckwheat straw, or any similar substance, that will protect without smothering.

BARGAIN LIST, continued

This protection for winter is very important for all plants, shrubs, and trees set in the fall in our northern climate the first year. After they have become established, the shrubs and trees and most of the herbaceous plants need not be covered.

Please do not ask us to divide these offers, nor to fill orders from this list after December 1.

25	Blood Root (Sanguinaria).....	\$1 40
25	Boltonia asterooides.....	1 05
20	Coreopsis, in 2 kinds.....	1 40
20	Crimson Bells (Heuchera).....	1 95
20	Crown Veitch.....	75
25	Columbines, in 2 or more kinds., my selection	1 75
15	Dianthus superbus.....	1 00
25	Dog's-tooth Violets, white and yellow.....	1 15
20	Double Mixed Peonies.....	1 75
20	English Daisies.....	1 20
25	Galax (Southern Colt's foot).....	1 50
25	German Iris, in 2 named kinds, my selection	1 15
25	German Iris, in 5 named kinds, my selection	1 50
25	German Iris, in yellowish shade, my selection	1 50
25	German Iris, in blue shades, my selection	1 45
50	German Iris, in 5 named kinds, my selection	2 75
25	German Iris, mixed.....	70
25	Hardy Violets, in 3 or more kinds.....	1 20
15	Hardy Spiræas (Shrubs) in 3 kinds, 2 to 3 ft.....	1 65
20	Hemerocallis, in 3 kinds.....	1 85
20	Horned Violets, in 2 colors.....	1 15
25	Iris pumila, in 2 shades.....	1 00
25	Iris pumila, Hybrids.....	1 00
20	Iris, for moist ground, in 2 or more colors.....	1 40
20	Japan Quince.....	1 75
20	Lilium Henryi.....	4 00
20	Lombardy Poplars, with low branches for screening, 4 to 8 ft.....	3 00
25	Low or Creeping Phlox.....	1 65
25	Marsh Marigolds.....	85
20	Mixed Delphiniums.....	1 25
20	Native Lilies, in 3 kinds.....	2 20
25	Perennial Larkspur, in 3 kinds, my selection.....	1 85
25	Peonies, in 3 or more kinds, my selection	3 75
20	Pheasant's Eye Pink, before October.....	1 40
20	Physostegia, in 2 colors.....	1 60
20	Primula officinalis, in mixed colors.....	1 75
20	Seedling Peonies.....	1 50

BARGAIN LIST, continued

36 Shrubs for bed or border, my selection.	\$4 50
20 Sweet Flag roots.	60
20 Siberian Coral Lilies.	2 00
25 Stachys lanata.	1 00
25 Trillium (Wood Lilies), in 2 kinds.	1 05
500 Trillium grandiflorum.	10 00
20 Typha latifolia (Cat Tail), for moist ground.	60
20 Vines and Climbers, in 3 or more kinds.	1 70

SEEDS FOR LATE FALL SOWING

These Violets do not always retain their vitality when kept over until spring, and the Iris and Clematis need to lie in the ground over winter in order to germinate. Sow in late autumn and do not cover too deeply, if you wish them to come up.

	Pkt.
Viola cornuta. Blue.	\$0 08
V. cornuta alba.	08
V. cornuta, Blue Perfection.	08
V. lutea.	08
V. pedata.	10
V. alpestris.	10
Iris pseudacorus.	05
I. germanica.	10
I. sibirica.	05
I. sibirica alba.	08
I. sibirica, Snow Queen.	06
Chinese Peony Seed, Mixed.	08
Clematis recta.	05
C. integrifolia.	06
C. integrifolia Durandii.	10
C. ochroleuca.	10

For fruit stock, see Spring Catalogue.

Address,

**FRED'K H. HORSFORD,
CHARLOTTE, VERMONT**



Campanula punctata var. Marian Gehring

For description see page 7 of Spring List, also illustration
on inside cover. Price, \$1 each, \$10 per doz.

FRED'K H. HORSFORD
Charlotte, Vermont
